

## Henderson, Ginny

---

**From:** Michael Burns [mburns@ESINC.CC]  
**Sent:** Tuesday, August 16, 2011 8:46 AM  
**To:** Henderson, Ginny  
**Subject:** APAC Castle Hayne

Ginny,

I am working on the RI3 for the APAC Castle Hayne site. As you may recall, we advanced soil borings in undeveloped areas for the collection of background arsenic concentrations. The previous high background concentration for arsenic in soil was 2.57 mg/Kg and current data brought that up to 12.7 mg/Kg (6 foot sample). Is it acceptable to average arsenic concentrations from the 5 feet and 6 feet depth intervals (the only depth interval where arsenic exceeds BG) in the area of the AST farm (about ¼ acre) and compare the average to background? If so, my calculations indicate an average of about 8.5 mg/Kg which would be below BG.

Mike



**Mike Burns**

524 S. New Hope Road | Raleigh, NC 27610

919-212-1760 ext. 123 Phone | 919-212-1707 Fax | 919-801-4687 Cell

Confidentiality Notice: The information and all attachments contained in this electronic communication are privileged and confidential information, and intended only for the use of the intended recipient(s). If the reader of this message is not an intended recipient, you are hereby notified that any review, use, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify me immediately of the error by return e-mail and please permanently remove any copies of this message from your system and do not retain any copies, whether in electronic or physical form or otherwise. Thank you.